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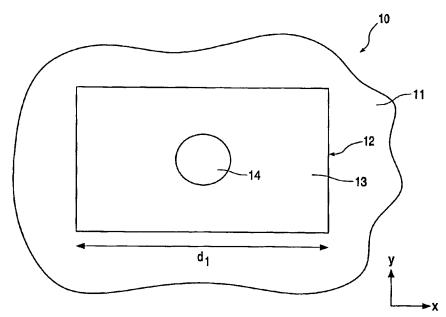
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(54) Title: ELECTRODE ARRANGEMENT



(57) Abstract: An electrode arrangement (10) comprises a knitted electrically conductive electrode portion (12) containing electrically conductive yarn and at least one portion (14) of moisture impermeable electrically conductive material attached to the electrode portion (12). During use the electrode portion (12) and portion of material (14) are applied to a wearers skin. The moisture impermeable material portion (14) is of silicon loaded with carbon black. The moisture impermeable portion (14) encourages perspiration of a user and the perspiration trapped between the skin and moisture impermeable portion (14) reduces skin to electrode contact resistance to increase efficiency of detection of user heart rate or other electrical signals generated by a user.